

Title (en)  
TEXTILE SUBSTRATES HAVING LAYERED FINISH STRUCTURE

Title (de)  
TEXTILE SUBSTRATE MIT SCHICHTFÖRMIGER AUSTRÜSTUNG

Title (fr)  
SUBSTRATS TEXTILES A STRUCTURE D'APPRET EN COUCHE

Publication  
**EP 1907621 A1 20080409 (EN)**

Application  
**EP 06760528 A 20060530**

Priority  

- US 2006020802 W 20060530
- US 14533705 A 20050603
- US 14538905 A 20050603

Abstract (en)  
[origin: WO2006132852A1] This invention relates to textile substrates to which a finishing treatment has been applied during the manufacturing process. Such a finishing treatment provides improved water and/or oil repellency and stain and soil resistance. The finishing treatment generally includes a repellent agent, a stain release agent, and a particulate component. Other compounds may be added to the treatment, such as stain-blocking agents, crosslinking agents, coupling agents, antimicrobial agents, and pH adjusting agents. The components of the finishing treatment are generally applied to the textile substrate using an application process that results in layered structures on the surface of the treated substrate, which has been found to greatly improve the durability of the treatment. Such treated textile substrates thus exhibit excellent stain and soil resistance and water and/or oil repellency properties.

IPC 8 full level  
**D06M 23/00** (2006.01); **D06M 23/04** (2006.01)

CPC (source: EP)  
**D06M 15/256** (2013.01); **D06M 15/277** (2013.01); **D06M 23/00** (2013.01); **D06M 23/04** (2013.01); **D06N 3/183** (2013.01); **D06N 3/186** (2013.01)

Citation (search report)  
See references of WO 2006132852A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006132852 A1 20061214**; EP 1907621 A1 20080409

DOCDB simple family (application)  
**US 2006020802 W 20060530**; EP 06760528 A 20060530